



# A360 X REFUGIUM

The Kessil<sup>®</sup> A360 X Refugium LED enables the spectrum to be adjusted depending on the development phase of the corals, plants or algae. The extensive possibilities of color control are just as convincing as their high light output through Higher Photon Volume Density. With the included Kessil<sup>®</sup> A360 X Narrow Reflector, the light intensity of the central light beam of the A360 X Refugium LED can be increased threefold and thus more penetration can be generated, unwanted light scattering is prevented.

More features of the Kessil<sup>®</sup> A360 X Refugium LED:

- Water-resistant and durable sunflower heat sink.
- The smart K-Link communication method allows users to network multiple A360X together and set individual groups to run their own programs. A360X can be used with optical accessories to shape light, allowing users to modify the look of the aquarium to their liking.
- The newly designed optics along with the latest generation Dense Matrix LED array provide a broader delivery of light and eliminate shading. Patented Dense Matrix LED technology concentrates multiple LED chips into a single array, creating a powerful and penetrating light source with wide coverage. The maximum penetration can reach 24" to 30" beyond the water's surface
- The blue spectrum accelerates the growth of corals / algae / plants at every stage by stimulating cell proliferation. Recommended for refuges with predominantly soft corals (Xenia, etc.).
- The GROW spectrum improves vegetative growth during the entire life cycle of many different macroalgae (Cheatomorpha, Caulerpa, Gracilaria etc.).
- The BLOOM spectrum increases yield by encouraging flowering during the crucial stage of plant reproduction.
- The red spectrum promotes root growth and productivity.
- The daylight mode can be used to clean the tank or to take photos.
- The green light can be used to monitor the plants without disturbing the plant's growth cycle. This spectrum is only available with the WiFi Dongle.
- The color control can be implemented using the separately available WiFi Dongle.
- The innovative heat management system enhances longevity and efficiency.

## Technical Specifications:

Spectrum: Deep Ocean Blue to Sky Blue + RGB  
Light spread: up to 24" (60 cm) surface diameter  
Penetration: 24" - 30" (60 - 75 cm)  
Power Consumption: 90 W max  
Power Supply: 100-240 V AC (input) 19V DC (output)  
Dimensions: 4.3" x 2.67" / 110 x 68 mm; Unit Weight: 0.86 lb / 390 g

